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ඩැප්‍රෝටොම්ප්‍රිජ්‍යා ආකෘතික පාලනය
Department of Examinations, Sri Lanka

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85 | E | I, II

අධ්‍යාපන පොදු සභනික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2017 දෙසැම්බර් කළවිප් පොතුත් තරාතරුප් පත්තිර (සාතාරණ තරු)ප් පරිශ්‍යාස, 2017 ඉසේම්පර්

General Certificate of Education (Ord. Level) Examination, December 2017

ஈசு அரசிக் விதைவ்	I, II
மனைப் பொருளியல்	I, II
Home Economics	I, II

பூர் நாள்
மூன்று மணித்தியாலம்
Three hours

Home Economics I

Note :

- (i) ***Answer all questions.***

(ii) ***In each of the questions 1 to 40, pick one of the alternatives (1), (2), (3), (4) which you consider as correct or most appropriate.***

(iii) ***Mark a cross (X) on the number corresponding to your choice in the answer sheet provided.***

(iv) ***Further instructions are given on the back of the answer sheet. Follow them carefully.***

- 1.** A carbohydrate present in cereals is
(1) pectin. (2) inulin. (3) amylopectin. (4) lignin.

2. Two functions of fats are
(1) Enzyme synthesis and providing immunity.
(2) providing immunity and producing energy.
(3) Enzyme synthesis and controlling body temperature.
(4) Controlling body temperature and producing energy.

3. Following are some facts regarding protein. Which is the **incorrect** fact?
(1) Contains nitrogen in its composition. (2) Excess is stored in the liver.
(3) Animal proteins are of high quality. (4) Energy value is 4 kcals/gm.

4. A function of vitamin A is
(1) enhancing calcium absorption. (2) providing clear vision.
(3) helping in clotting of blood. (4) controlling muscle tone.

5. Following are some facts regarding a vitamin called 'X'.
• water soluble.
• gets oxidized.
• provides immunity.
• aids in iron absorption.
'X' could be,
(1) vitamin C. (2) vitamin B₁. (3) vitamin B₂. (4) vitamin E.

6. From the following, which is the group that has the food sources rich in beta carotene?
(1) Guava, Nelli, Pineapple (2) Beans, Banana, Avocado
(3) Cucumber, Carrot, Raddish (4) Pumpkin, Mango, Papaw

7. The two nutrients concerned with the proper development of bones and teeth are
(1) Calcium and vitamin D. (2) Protein and vitamin A.
(3) Magnesium and vitamin E. (4) Phosphorus and vitamin K.

8. From the following, which food item has the highest energy value?
(1) cashew nuts (2) rice (3) butter (4) sweet potato

9. The protein present in pulses is
(1) legumin. (2) gluten. (3) gelatin. (4) caesin

10. Given below are some practices followed in food preparation. The **wrong** practice from them is
(1) boiling potatoes with the skin. (2) adding salt while cooking the food.
(3) washing vegetables before cutting. (4) marinating the fish before cooking.

11. From the following, the meal rich in iron, protein and vitamin C is
(1) string hoppers, potato curry, seeni sambol and fruit drink.
(2) hoppers, dhal curry, onion sambol and plain tea.
(3) kiribath, katta sambol, kirihodi and milk coffee.
(4) bread, fish curry, plantain and kolakenda.

12. A food cooked by pan roasting is
(1) egg. (2) potato. (3) roti. (4) dried fish.

13. A function of dietary fibre is to
(1) aid in bowel evacuation. (2) enhance nutrient absorption.
(3) help in digestion of food. (4) increase the synthesis of enzymes.

14. An action which does **not** occur during the preparation of Fish ambul thiyal is
(1) an increase of concentration. (2) an increase of pH.
(3) Exosmosis. (4) a decrease of water activity.

15. An extrinsic factor causing food spoilage is
(1) substrate. (2) enzymatic action. (3) pH value. (4) oxygen.

16. Given below are some symptoms regarding deficiency diseases. Which is the correct one?
(1) Sores are seen in iron deficiency.
(2) Numbness of feet is shown in vitamin A deficiency.
(3) Oedema is seen in protein deficiency.
(4) Constipation could be seen in vitamin C deficiency.

17. A lean body is seen in,
(1) Rickets. (2) Beri-beri. (3) Marasmus. (4) Anaemia.

18. From the following which is the correct statement regarding the prenatal development?
(1) Ovulation occurs during the first five days of the menstrual cycle.
(2) The zygote starts division after implantation in the uterus.
(3) Placenta prevents the flow of harmful substances from the maternal blood to the foetus.
(4) The duration from 2 weeks to 3 months in the prenatal period is termed as the period of embryo.

19. A mature ovum after ovulation is generally alive only for
(1) 12 hours. (2) 24 hours. (3) 36 hours. (4) 48 hours.

20. The disease prevented by the vaccine given to the child at the completion of 18 months is
(1) Polio. (2) Rubella. (3) Japanese encephalitis. (4) Measles.

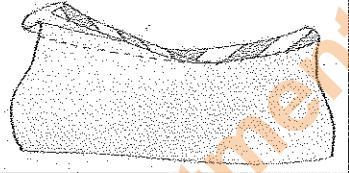
21. A feature that is seen in the growth of a child of early childhood is
(1) showing a rapid growth than in infancy.
(2) a regularity in ossification (calcification) of bones.
(3) an increase in the developmental rate of head in relation to the trunk and limbs.
(4) the eruption of about 25 teeth.

22. A factor which does **not** affect the physical development of children is
(1) maturation. (2) learning. (3) heredity. (4) environment.

23. A problematic behaviour shown by a child of early childhood is
(1) left handedness. (2) imitation. (3) temper tantrums. (4) jealousy.

24. A step that could be taken to overcome thumb sucking seen in some children is
(1) humiliating by comparing with others. (2) Providing a teat.
(3) diverting the attention of the child. (4) applying a bitter substance on fingers.

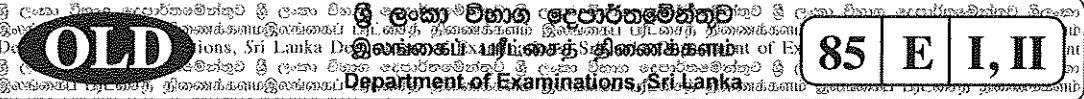
25. A feature that is shown by children of early childhood when exposed to the society first is
(1) showing shyness. (2) exchanging toys.
(3) a liking to be in groups. (4) being very active.

26. From the following, which is the most favourable activity for eye hand coordination of a child of early childhood?
- Free drawing
 - Crushing paper into balls
 - Clay modelling
 - Filling water into bottles
27. A feature that is **not** shown generally by adolescents is
- a liking to be prominent.
 - aggressiveness.
 - the attraction towards the opposite sex.
 - craving for independence.
28. Hemming stitch should
- start with two back stitches.
 - start from the right, hide the thread end and use slanting stitches.
 - end with a knot.
 - end with two back stitches on the wrong side.
29. Given below are some steps followed by a student when cutting an infant garment using the block. The **incorrect** step is
- keeping the block lengthwise along the grain line of the fabric.
 - pinning the block on to the fabric.
 - cutting the fabric pieces with the block.
 - keeping the carbon paper in between the block and the fabric.
30. Running stitch and hemming stitch are used in finishing a seam. What is this seam?
- Plain seam
 - French seam
 - Flat seam
 - Lapped seam
31. A stitch used as a decorative stitch as well as in applique work is
- Stem stitch.
 - Blanket stitch.
 - Button hole stitch.
 - Herring bone stitch.
32. The suitable method to fasten the side opening of a sunsuit is fixing
- hooks and eyes.
 - buttons.
 - a zip fastener.
 - press studs.
33. A shrinkage was noticed after the first wash of a dress. The reason for this is not
- straightening the fabric before cutting the garment.
 - ironing the fabric before cutting the garment.
 - pulling the fabric diagonally before cutting the garment.
 - soaking the fabric in water before cutting the garment.
- 34.
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- The above diagram shows
- a binding.
 - a facing.
 - a piping.
 - a shaped facing.
35. From the following, dress styles, the most suitable style for a girl of one year is
- a cotton dress with puff sleeves and a collar.
 - a nylon dress with loose sleeves and a collar.
 - a linen dress with shoulder straps upto the back waist.
 - a rayon dress with frills around arm holes and neckline.
36. In the classification of household resources, a non-physical resource is
- fuel.
 - time.
 - space.
 - water.
37. From the following, which is the most suitable to get natural light for a room?
- Using transparent sheets in the roof.
 - Keeping a mirror onto a wall.
 - Fixing the ceiling along the shape of the roof.
 - Increasing the height of the walls.

38. Following are some facts given by students after observing several houses. Which is the correct fact?
- (1) Placing tall windows for drawing rooms.
 - (2) Opening the bed room door to the dining room.
 - (3) Using translucent glass for the drawing room windows.
 - (4) Keeping some cushioned chairs in the verandah.
39. Which is the **irrelevant** statement regarding time management?
- (1) Engage in another task, while doing one.
 - (2) Division of work among family members.
 - (3) Use of labour-saving equipment.
 - (4) Allocating time, according to the interest of the family members.
40. From the following, which is the correct statement regarding placement of accessories in a house?
- (1) An accessory with low height, kept near the stairway.
 - (2) A dry flower arrangement is suitable for a dark corner.
 - (3) A large photograph is suitable to be kept in a corner of the drawing room.
 - (4) An arrangement with fragrant flowers is selected to keep on the dining table.

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General Certificate of Education (Ord. Level) Examination, December 2017

ගණ ආර්ථික විද්‍යාව I, II

මගෙන්ප පොරුණියාල I, II

Home Economics I, II

Home Economics II

* Answer five questions only, selecting the first question and four others.

1. Study the following case and answer the given questions in brief.

A well organized early childhood development centre has different activities planned, so as to help in the development of children. The meal taken by the children at about 10.00 a.m. is also supplied by the centre. The special nutritional needs of the children and the safety of the meals are also considered by them. This centre has decided to go on a one day trip to a park.

- Mention two special nutritional needs of the children of early childhood.
- Write four steps taken by the centre regarding the safety of the meal given at about 10.00 a.m.
- Caramel pudding and watalappan are two desserts preferred by the children of early childhood. Mention two main ingredients each, needed to prepare the above two desserts.
- Write a menu for evening tea to be taken in the bus, while returning from the trip.
- Cotton fabric is chosen for the uniform of the children. Write two reasons for the same.
- Mention two points considered in constructing the uniform for children.
- Different play equipments are constructed in this centre for the outdoor games of the children. Name two such equipments.
- Mention two environmental experiences that can be obtained by children after visiting the park.
- State four steps that should be taken during the construction of a centre of this nature so as to get proper ventilation.
- Write four points that should be emphasised in organising furniture in the classrooms of the children.

- (i) Draw a suitable embroidery pattern to decorate an infant garment (baby shirt).
- Write three methods that could be used to finish the neckline and the arm holes of this infant garment.
- A facing or a shaped facing could be used to finish around the leg of a sunsuit.

Describe the procedure followed in

- preparing the bands.
- sewing and finishing the leg of the sunsuit.

using one of these methods.

- (a) Name two food items placed at the base of the food pyramid.
- Mention two functions performed by the major nutrient present in these food items.
- (ii) Write three functions of water in the body.
- (a) Name the methods of cooking used respectively in preparing the following food items
 - string hoppers
 - kokis
 - fish buns
- (b) Explain one method of cooking mentioned in (a) above.

4. (i) Define 'deficiency disease'.
(ii) Anaemia is a nutritional problem prevalent in Sri Lanka.
Explain **three** causes for the above disease condition.
(iii) "Adolescents mostly follow unhealthy food patterns". Discuss.
5. (i) Identify 'Extended family'.
(ii) Name the stages in the life cycle of a family. Explain one of them.
(iii) "It is important to consider the placement of rooms in the physical organization of a house." Discuss.
6. (i) Name the diseases that are prevented by the pentavalent vaccine given to the child at the completion of 2, 4 and 6 months of age.
(ii) Some children of early childhood do 'bed wetting' in the night. Explain, giving **three** possible reasons.
(iii) Describe **four** activities planned in an early childhood development centre for the intellectual development of children.
7. (i) Write notes on
(a) Zygote.
(b) Amniotic sac.
(ii) Explain how school helps in the social development of adolescents.
(iii) "Different changes that occur during puberty cause problematic conditions in some children". Discuss, giving examples.

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